

Lightweight
Under 8 oz., compact size that makes it easy to wear

Durable
Case with rubberized armor provides superior protection against liquid and dust ingress

Long-life battery
Rechargeable lithium ion battery provides 14+ hours of continuous run-time and delivers best-in-class performance in extreme conditions

Galaxy Compatible
Compatibility for Galaxy automated test system

Sampling Pump Option
Optional powered sampling pump with extensive contaminant filtering system

Warranty
Outstanding 2-year, all-inclusive warranty

Ergonomic design
For maximum comfort

Alarm System
World-class triple alarm system with 100+ decibel audible alarm, multiple high-intensity visual alarm and strong vibrating alarm

Display features
Superior display features simultaneous gas concentration display, backlighting for easy reading and alphanumeric message bar for easy use

Prices effective April 16, 2010

Solaris® Multigas Detector (Fire Service) Assemble-To-Order System and Pricing Guide

Includes Solaris Fire with Alkaline Batteries



Approvals/Replacement Parts/Kits

Approvals

The Solaris Fire Multigas Detector has been designed to meet intrinsic safety testing requirements in certain hazardous atmospheres. The Solaris Fire Multigas Detector has approvals for use in Class 1, Division 1, Groups A, B, C, and D. Please contact MSA at 1-800-MSA-2222 for the latest approvals on the Solaris Fire Multigas Detector.

Solaris Fire Kits

<i>All kits include a Solaris Fire with datalogging option included, calibration cap assembly, instruction manual on CD-rom, a durable red carrying case and an orange instrument carrying case free of charge.</i>	Standard Solaris Fire		Solaris Fire with Alkaline Batteries	
Standard Kits (includes datalogging option)*	Part No.	List Price	Part No.	List Price
4-Gas Instrument 3-Gas (LEL, O ₂ , CO)	10071201	\$974.00	10071209	\$916.00
	10071202	\$904.00	10071210	\$816.00
Industrial Kits (includes econo-cal kit & datalogging option)*	Part No.	List Price	Part No.	List Price
4-Gas Instrument 3-Gas (LEL, O ₂ , CO)	10071203	\$1,274.00	10071211	\$1,186.00
	10071204	\$1,204.00	10071212	\$1,116.00
Deluxe Kits (includes sampling pump, econo-cal kit & datalogging option)*	Part No.	List Price	Part No.	List Price
4-Gas Instrument 3-Gas (LEL, O ₂ , CO)	10071205	\$1,603.00	10071213	\$1,515.00
	10071206	\$1,533.00	10071214	\$1,445.00

Sensors

Replacement CO Sensor	10046944
Replacement H ₂ S Sensor	10046945
Replacement O ₂ Sensor	10046946
Replacement Combustible Sensor	10046947
4 Sensor replacement kit (O ₂ /CO/H ₂ S/20L)	10049406

Part No.

List Price

Power Supply

Charger Cradle Assembly	10048185
North American Power Supply	10047342
Global Power Supply	10047343
Vehicle Charger	10049410

Part No.

List Price

Multi Unit (10) Charger Options

Multi Unit Power Supply	10069498
Solaris Multi Unit Charge Station (cradles not included)	10069856
Solaris Multi Unit Charge Station (10 Solaris cradles included)	10069857

Part No.

List Price

Replacement Parts

Calibration cap	10044994
Calibration cap fitting	637266
Horn chamber protective insert	10046042
Suspender stainless steel attachment clip	10066049
Horn cap repair kit (10)	10068059

Part No.

List Price

Carrying Case

Cordura Jacket (orange)	10049053
Cordura Jacket with velcro straps (black)	10054586
Leather Case	10064766
Cordura Jacket for Solaris Alkaline	10070855

Part No.

List Price

Sampling Accessories

Universal Pump Probe, UL Approval	10046528
Universal Pump Probe, CSA Approval	10055576
Solaris Aspirator Assembly	10050333
Metal Fitting for Universal Pump Probe	10059116

Part No.

List Price

Datalogging

USB Infrared reader	10082834
Datalogging Software MSA Link CD	10088099

Part No.

List Price

Sample lines

5 foot polyurethane	10053795
10 foot polyurethane	10053794
25 foot polyurethane	10047370
50 foot polyurethane	10047349

Part No.

List Price

Calibration Accessories

Calibration Cap Assembly	10044995
Regulator, .25 LPM, Model RP	467895
Metal fitting for Calibration	10047392

Part No.

List Price

Prices above are suggested U.S. list prices only and may not apply in international markets. Prices subject to change without prior notification.

* To download the Solaris Fire data the MSA data docking module (10082834) must also be purchased.

Calibration Cylinders RP (58 Liter)

Part No.	Pentane Standard 1.45%	Methane Standard 2.5%	15% Oxygen	60 ppm CO	20 ppm H ₂ S	10 ppm NO ₂	100 ppm Isobutylene	List Price
10045035	X		X	X	X			\$353.00
10048788	X		X		X			\$353.00
10058034	X		X			X		\$352.00
478191	X		X	X				\$193.00
10048890		X	X	X	X			\$353.00
10048889		X	X		X			\$353.00
813718		X	X	X				\$193.00
10058171		X	X			X		\$353.00
494450							X	\$193.00

Calibration Cylinders Econocal (34 Liter)

Part No.	Pentane Standard 1.45%	Methane Standard 2.5%	15% Oxygen	60 ppm CO	20 ppm H ₂ S	10 ppm NO ₂	100 ppm Isobutylene	List Price
10048280	X		X	X	X			\$236.00
10048789	X		X	X				\$236.00
10048790	X		X		X			\$236.00
10058036	X		X	X		X		\$236.00
10048981		X	X	X	X			\$236.00
10048888		X	X		X			\$236.00
10058172		X	X	X		X		\$236.00
10049056		X	X	X				\$236.00
10048279							X	\$236.00

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

Corporate Headquarters
P.O. Box 426, Pittsburgh, PA 15230 USA
Phone 412-967-3000
www.MSAnet.com
U.S. Customer Service Center
Phone 1-800-MSA-2222
Fax 1-800-967-0398

MSA Mexico
Phone 52-55 21 22 5770
Fax 52-55 5359 4330
MSA International
Phone 412-967-3354
Fax 412-967-3451

Offices and representatives worldwide
For further information:

ID 0816-56-MC / Feb 2010
© MSA 2010 Printed in U.S.A.



Solaris® Multigas Detector (Fire Service) Assemble-to-Order (ATO) Options

- To create your instrument configuration, select the instrument option codes and mark them in the boxes to the right.
 - To calculate your instrument price, write in the price for each option in the space provided, add up the total, and write it in the “Total Unit Price” box below.

A. Datalog Options	The datalog option enables the Solaris Fire Multigas Detector to store exposure data for easy retrieval at a later time. To download the Solaris Fire data the MSA datalog kit (p/n 710946) must also be purchased.	<table><tr><th>Datalog Options</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>Standard Rechargeable Instrument (includes Datalogging)</td><td>D</td><td>\$557.00</td><td rowspan="2"><input type="text"/></td><td rowspan="2"><input type="text"/></td></tr><tr><td>Standard Alkaline Instrument (includes Datalogging)</td><td>B</td><td>\$457.00</td></tr></table>	Datalog Options	Code	Price	Selection	Price	Standard Rechargeable Instrument (includes Datalogging)	D	\$557.00	<input type="text"/>	<input type="text"/>	Standard Alkaline Instrument (includes Datalogging)	B	\$457.00			
Datalog Options	Code	Price	Selection	Price														
Standard Rechargeable Instrument (includes Datalogging)	D	\$557.00	<input type="text"/>	<input type="text"/>														
Standard Alkaline Instrument (includes Datalogging)	B	\$457.00																
B. Combustible Sensor Options	If a combustible gas sensor is desired, two options are available: 0-100% LEL or 0-5% CH ₄ .	<table><tr><th>Combustible Sensor Options</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>None</td><td>0</td><td>\$0.00</td><td rowspan="3"><input type="text"/></td><td rowspan="3"><input type="text"/></td></tr><tr><td>0-100% LEL</td><td>L</td><td>\$70.00</td></tr><tr><td>0-5% CH₄</td><td>M</td><td>\$70.00</td></tr></table>	Combustible Sensor Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="text"/>	<input type="text"/>	0-100% LEL	L	\$70.00	0-5% CH ₄	M	\$70.00
Combustible Sensor Options	Code	Price	Selection	Price														
None	0	\$0.00	<input type="text"/>	<input type="text"/>														
0-100% LEL	L	\$70.00																
0-5% CH ₄	M	\$70.00																
C. Oxygen Sensor Options	To choose to have an oxygen sensor installed in your new Solaris Fire Multigas Detector, choose selection 1. For no oxygen sensor, enter a “0”	<table><tr><th>Oxygen Sensor Options</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>None</td><td>0</td><td>\$0.00</td><td rowspan="2"><input type="text"/></td><td rowspan="2"><input type="text"/></td></tr><tr><td>O₂ Sensor</td><td>1</td><td>\$70.00</td></tr></table>	Oxygen Sensor Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="text"/>	<input type="text"/>	O ₂ Sensor	1	\$70.00			
Oxygen Sensor Options	Code	Price	Selection	Price														
None	0	\$0.00	<input type="text"/>	<input type="text"/>														
O ₂ Sensor	1	\$70.00																
D. Carbon Monoxide Sensor Options	To choose to have a carbon monoxide sensor installed in your new Solaris Fire Multigas Detector, choose selection 1. For no carbon monoxide sensor, enter a “0”	<table><tr><th>Carbon Monoxide Sensor Options</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>None</td><td>0</td><td>\$0.00</td><td rowspan="2"><input type="text"/></td><td rowspan="2"><input type="text"/></td></tr><tr><td>CO Sensor</td><td>1</td><td>\$70.00</td></tr></table>	Carbon Monoxide Sensor Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="text"/>	<input type="text"/>	CO Sensor	1	\$70.00			
Carbon Monoxide Sensor Options	Code	Price	Selection	Price														
None	0	\$0.00	<input type="text"/>	<input type="text"/>														
CO Sensor	1	\$70.00																
E. Hydrogen Sulfide Sensor Options	To choose to have a hydrogen sulfide sensor installed in your new Solaris Fire Multigas Detector, choose selection 1. For no hydrogen sulfide sensor, enter a “0”	<table><tr><th>Hydrogen Sulfide Sensor Options</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>None</td><td>0</td><td>\$0.00</td><td rowspan="2"><input type="text"/></td><td rowspan="2"><input type="text"/></td></tr><tr><td>H₂S Sensor</td><td>1</td><td>\$70.00</td></tr></table>	Hydrogen Sulfide Sensor Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="text"/>	<input type="text"/>	H ₂ S Sensor	1	\$70.00			
Hydrogen Sulfide Sensor Options	Code	Price	Selection	Price														
None	0	\$0.00	<input type="text"/>	<input type="text"/>														
H ₂ S Sensor	1	\$70.00																
F. Sampling Pump	It is now possible to combine the sampling pump and probe for the Solaris Fire unit into one easy-to-use accessory. The pump probe is very versatile and can be attached to the Solaris Fire instrument in seconds. The built-in Water Stop filter helps to ensure the sampling system is not contaminated with dirt and debris during use.	<table><tr><th>Sampling Pump</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>None</td><td>0</td><td>\$0.00</td><td rowspan="2"><input type="text"/></td><td rowspan="2"><input type="text"/></td></tr><tr><td>Universal pump probe</td><td>1</td><td>\$329.00</td></tr></table>	Sampling Pump	Code	Price	Selection	Price	None	0	\$0.00	<input type="text"/>	<input type="text"/>	Universal pump probe	1	\$329.00			
Sampling Pump	Code	Price	Selection	Price														
None	0	\$0.00	<input type="text"/>	<input type="text"/>														
Universal pump probe	1	\$329.00																
G. Calibration Kits	MSA provides two options for performing instrument calibration. The cost-effective Econo-Cal (34 liter) cylinder and fixed flow regulator provides an economical means to calibrate the Solaris Fire instrument. The Model RP calibration kit also has a fixed flow 0.25 lpm regulator and provides the user with a larger capacity (58 liter) calibration gas cylinder.	<table><tr><th>Calibration Options</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>None</td><td>0</td><td>\$0.00</td><td rowspan="3"><input type="text"/></td><td rowspan="3"><input type="text"/></td></tr><tr><td>Econo-Cal Calibration Kit</td><td>1</td><td>\$300.00</td></tr><tr><td>Model RP Calibration Kit</td><td>2</td><td>\$400.00</td></tr></table>	Calibration Options	Code	Price	Selection	Price	None	0	\$0.00	<input type="text"/>	<input type="text"/>	Econo-Cal Calibration Kit	1	\$300.00	Model RP Calibration Kit	2	\$400.00
Calibration Options	Code	Price	Selection	Price														
None	0	\$0.00	<input type="text"/>	<input type="text"/>														
Econo-Cal Calibration Kit	1	\$300.00																
Model RP Calibration Kit	2	\$400.00																
H. Instrument Approvals	It is now possible to select the specific type of approval that a Solaris Fire instrument possesses. The Solaris Fire UL approval label is recommended for the United States and Mexico. The Solaris Fire CSA approval label is recommended for Canada. For the Solaris with alkaline batteries, choose option “A” for United States, Canada and Mexico.	<table><tr><th>Instrument Approvals</th><th>Code</th><th>Price</th><th>Selection</th><th>Price</th></tr><tr><td>Underwriters Laboratory (UL)</td><td>U</td><td>\$0.00</td><td rowspan="3"><input type="text"/></td><td rowspan="3"><input type="text"/></td></tr><tr><td>CSA</td><td>C</td><td>\$0.00</td></tr><tr><td>CSA/US (Solaris Alkaline)</td><td>A</td><td>\$0.00</td></tr></table>	Instrument Approvals	Code	Price	Selection	Price	Underwriters Laboratory (UL)	U	\$0.00	<input type="text"/>	<input type="text"/>	CSA	C	\$0.00	CSA/US (Solaris Alkaline)	A	\$0.00
Instrument Approvals	Code	Price	Selection	Price														
Underwriters Laboratory (UL)	U	\$0.00	<input type="text"/>	<input type="text"/>														
CSA	C	\$0.00																
CSA/US (Solaris Alkaline)	A	\$0.00																

Your Model Part Number

Please write in numbers from selections above in appropriate boxes and contact your Safety Products Distributor to place your order.

Selection ...

A-SOLFIRE-

A

B

C

D

E

F

G

H

Total Unit Price =

\$

All Pricing is in US Dollars